



STIC Search Report

EIC 1700

STIC Database Tracking Number: 123330

TO: Karl Group
Location: REM 9C19
Art Unit : 1755
June 1, 2004

Case Serial Number: 10/668097

From: Kendra Mellerson
Location: EIC 1700
REM 4B28
Phone: 571-272-2516

Kendra.Mellerson@uspto.gov

Search Notes

No Cases Reported

US 6541407

L Number	Hits	Search Text	DB	Time stamp
1	6	"20030024219" or "6214437" or "6432856"	USPAT; US-PGPUB	2004/06/01 09:42
2	14	US-5262102-\$.DID. OR US-5409870-\$.DID. OR US-6077796-\$.DID. OR US-6087281-\$.DID. OR US-6101793-\$.DID. OR US-6206944-\$.DID. OR US-6210626-\$.DID. OR US-6322605-\$.DID. OR US-6319870-\$.DID. OR US-6328779-\$.DID. OR US-6391813-\$.DID. OR US-6464744-\$.DID. OR US-6214437-\$.DID. OR US-6432856-\$.DID.	USPAT; US-PGPUB	2004/06/01 09:45
3	14	US-5262102-\$.DID. OR US-5409870-\$.DID. OR US-6077796-\$.DID. OR US-6087281-\$.DID. OR US-6101793-\$.DID. OR US-6206944-\$.DID. OR US-6210626-\$.DID. OR US-6322605-\$.DID. OR US-6319870-\$.DID. OR US-6328779-\$.DID. OR US-6391813-\$.DID. OR US-6464744-\$.DID. OR US-6214437-\$.DID. OR US-6432856-\$.DID.	USPAT	2004/06/01 09:46
4	10	US-3885977-\$.DID. OR US-3950175-\$.DID. OR US-4280845-\$.DID. OR US-4434117-\$.DID. OR US-4632683-\$.DID. OR US-4869944-\$.DID. OR US-5258150-\$.DID. OR US-5545243-\$.DID. OR US-6210626-\$.DID. OR US-4869944-\$.DID. OR US-0210626-\$.DID.	USPAT	2004/06/01 09:55
5	1684	501/119,9,128,80.ccls.	USPAT; US-PGPUB	2004/06/01 09:56
6	801	55/523,dig30.ccls.	USPAT; US-PGPUB	2004/06/01 09:56
7	87	264/631.ccls.	USPAT; US-PGPUB	2004/06/01 09:57
8	2535	501/119,9,128,80.ccls. or 55/523,dig30.ccls. or 264/631.ccls.	USPAT; US-PGPUB	2004/06/01 09:57
9	568	(501/119,9,128,80.ccls. or 55/523,dig30.ccls. or 264/631.ccls.) and cordierite	USPAT; US-PGPUB	2004/06/01 09:57
10	174	((501/119,9,128,80.ccls. or 55/523,dig30.ccls. or 264/631.ccls.) and cordierite) and (diesel near10 filter)	USPAT; US-PGPUB	2004/06/01 09:58

Mellerson, Kendra

From: Group, Karl
Sent: Tuesday, June 01, 2004 10:24 AM
To: STIC-EIC1700
Subject: 10/668097 reissue application

I need a litigation search for Patent No. 6,541,407

Current session 01/06/2004

(C) QUESTEL 1994

QUESTEL.ORBIT (TM) 1998

01/06/04 16*50*54

Last connection: 18/05/04 20*06*58

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- NEW: Non-Patent Literature file from EPO data, see INFO NPL
- NEW: Starting 09/03, MEM Chrg for Sci-Tech Files, see INFO MEM
- LGST file reloaded for revised EPO coverage, see INFO LGST
- French Patent Applications Fulltext file, see INFO FRFULL
- NTIS & IDPFA/N files removed from Questel.Orbit Jan 1, 2004
- EPO Citation Relevancy Codes now searchable in PlusPat file
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Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 1,37

The cost estimation below is based on Questel's
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	Estimated cost :	1.37 USD
Cost estimated for the last database search :		1.37 USD
Estimated total session cost	:	1.37 USD

Selected file: PLUSPAT

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-To extract cited patents with only high relevancy code, use mem/xctx
Last update of file: 2004/05/26 (YYYY/MM/DD) 2004-21/UP (basic update)

Search statement 1

Query/Command : US6541407/PN

** SS 1: Results 1

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US2002004445 A1 20020110 [US20020004445]
PN2 - US6541407 B2 20030401 [US6541407]
TI - (A1) Cordierite body
PA - (B2) CORNING INC (US)
PA0 - Corning Incorporated, Corning NY [US]
PA2 - (B2) CORNING INC (US)
IN - (A1) BEALL DOUGLAS M (US); HICKMAN DAVID L (US); MERKEL GREGORY A (US)
AP - US86732101 20010529 [2001US-0867321]
FD - Provisional: US 60208529 - 20000601 [2000US-P208529]
 Provisional: US 60234684 - 20000922 [2000US-P234684]
PR - US86732101 20010529 [2001US-0867321]
 US20852900P 20000601 [2000US-P208529]
 US23468400P 20000922 [2000US-P234684]
IC - (A1) C04B-035/195
EC - B01D-039/20H
 C04B-035/195
 C04B-038/00H
PCL - ORIGINAL (O) : 501119000; CROSS-REFERENCE (X) : 055DIG030
 055523000 264631000 501009000 501080000 501128000
DT - Basic
CT - US3885977; US3950175; US4280845; US4434117; US4632683; US4869944;
 US5114643; US5258150; US5262102; US5409870; US5545243; US6077796;
 US6087281; US6101793; US6206944; US6210626; US6319870; US6322605;
 US6328779; US6391813; US6464744; JP2001-340718; WO0241972
STG - (A1) Utility Patent Application published on or after January 2, 2001
STG2 - (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
AB - A ceramic comprising predominately a cordierite-type phase approximating the stoichiometry $Mg_2 Al_4 Si_5 O_{18}$ and having a coefficient of thermal expansion (25-800 (degree) C.) of greater than $4 * 10^{-7}$ / (degree) C. and less than $13 * 10^{-7}$ / (degree) C. and a permeability and a pore size distribution which satisfy the relation $2.108 (\text{permeability}) + 18.511 (\text{total pore volume}) + 0.1863 (\text{percentage of total pore volume comprised of pores between 4 and 40 micrometers}) \geq 24.6$. The ceramic is suitable in the fabrication of cellular, wall-flow, diesel particulate filters having a pressure drop in kPa that at an artificial carbon soot loading of 5 grams/liter and a flow rate of 26 scfm is less than 8.9-0.035 (number of cells per square inch)+300 (cell wall thickness in inches), a bulk filter density of at least 0.60 g/cm³ and a volumetric heat capacity of at least 0.67 J cm⁻³ K⁻¹ as measured at 500 (degree) C.
UP - 2002-04

1 / 1 LGST - ©EPO

PN - US2002004445 A1 20020110 [US20020004445]

US6541407 B2 20030401 [US6541407]
AP - US86732101 20010529 [2001US-0867321]
ACT - 20031216 US/RF-A
 REISSUE APPLICATION FILED
 EFFECTIVE DATE: 20030922
UP - 2004-03

1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,541,407 A 20030401 [US6541407]
PA - Corning Inc
ACT - 20030922 REISSUE REQUESTED
 ISSUE DATE OF O.G.: 20031216
 REISSUE REQUEST NUMBER: 10/668097
 EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1755

Reissue Patent Number:

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,55
 The cost estimation below is based on Questel's
 standard price list

	Estimated cost :	1.32 USD
Records displayed and billed :	1	
	Estimated cost :	1.32 USD
Cost estimated for the last database search :	2.64 USD	
Estimated total session cost :	4.01 USD	

LGST - Time in minutes : 0,13
 The cost estimation below is based on Questel's
 standard price list

	Estimated cost :	0.16 USD
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	Estimated cost :	0.60 USD
Legal-Status informations :	1	
	Estimated cost :	0.50 USD
Cost estimated for the last database search :	1.26 USD	
Estimated total session cost :	5.27 USD	

CRXX - Time in minutes : 0,14
 The cost estimation below is based on Questel's
 standard price list

	Estimated cost :	0.25 USD
Records displayed and billed :	1	
	Estimated cost :	5.50 USD
Legal-Status informations :	1	
	Estimated cost :	0.50 USD
Cost estimated for the last database search :	6.25 USD	
Estimated total session cost :	11.52 USD	

LITA - Time in minutes : 0,02
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.04 USD
Cost estimated for the last database search :	0.04 USD
Estimated total session cost :	11.56 USD

Selected file: INPADO

You are now connected to INPADO
Covers 1968/1973 thru weekly updates (2004-22)
For information on content, (..)INFO INPD.

Search statement 1

Query/Command : FAM US6541407/PN

1 Patent Groups

**** SS 1: Results 9**

Search statement 2

Query/Command : FAMSTATE NONSTOP

1 / 9 INPADO - ©INPADO

PN - AU 200161354 A5 20011211 [AU200161354]
TI - CORDIERITE BODY
IN - BEALL DOUGLAS M; HICKMAN DAVID L; MERKEL GREGORY A
PA - CORNING INC
AP - AU 61354/01-A 20010510 [2001AU-0061354]
PR - US 208529/00-P 20000601 [2000US-P208529]
US 234684/00-P 20000922 [2000US-P234684]
WO 200115062/01(US)-W 20010510 [2001WO-US15062]
IC - B01D-039/06; B01D-039/20; C04B-035/195

2 / 9 INPADO - ©INPADO

PN - BR 200110263 A 20030305 [BR0110263]
TI - CORPO DE CORDIERITA
IN - BEALL DOUGLAS MUNROE; MERKEL GREGORY ALBERT; HICKMAN
DAVID LEE
PA - CORNING INC [US]
AP - BR 200110263/01-A 20010510 [2001BR-0010263]
PR -
US 208529/00-P 20000601 [2000US-P208529]

US 234684/00-P 20000922 [2000US-P234684]
 WO 200115062/01(US)-W 20010510 [2001WO-US15062]
IC - B01D-039/06; B01D-039/20; C04B-035/195

3 / 9 INPADOC - ©INPADOC

PN - CN 1430531 T 20030716 [CN1430531]
TI - Cordierite body
IN - BEALL D M [US]; HICKMAN D L [US]; MERKEL G A [US]
PA - CORNING INC [US]
AP - CN 2001810136/01-A 20010510 [2001CN-0810136]
PR - US 208529/00-P 20000601 [2000US-P208529]
 US 234684/00-P 20000922 [2000US-P234684]
IC - B01D-039/06; B01D-039/20; C04B-035/195

4 / 9 INPADOC - ©INPADOC

PN - EP 1301261 A1 20030416 [EP1301261]
TI - CORDIERITE BODY
LA - ENG
IN - BEALL DOUGLAS M [US]; HICKMAN DAVID L [US]; MERKEL GREGORY A [US]
PA - CORNING INC [US]
AP - EP 01935246/01-A 20010510 [2001EP-0935246]
PR - WO 200115062/01(US)-W 20010510 [2001WO-US15062]
 US 208529/00-P 20000601 [2000US-P208529]
 US 234684/00-P 20000922 [2000US-P234684]
IC - B01D-039/06; B01D-039/20; C04B-035/195
DS - AT* BE* CH* CY* DE* DK* ES* FI* FR* GB* GR* IE* IT* LI* LU* MC* NL* PT* SE* TR*

1 / 1 LEGALI - ©EPO

PN - EP1301261 A1 20030416 [EP1301261]
AP - EP01935246 20010510 [2001EP-0935246]
ACTE - 20030416 EP/AK-A [+]
 DESIGNATED CONTRACTING STATES:
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

 20030416 EP/AX-A [+]
 EXTENSION OF THE EUROPEAN PATENT TO
 AL LT LV MK RO SI

 20030416 EP/17P-A [+]
 REQUEST FOR EXAMINATION FILED
 EFFECTIVE DATE: 20021114

20030611 EP/RIN1-A
INVENTOR (CORRECTION)
BEALL, DOUGLAS, M.

20030611 EP/RIN1-A
INVENTOR (CORRECTION)
HICKMAN, DAVID, L.

20030611 EP/RIN1-A
INVENTOR (CORRECTION)
MERKEL, GREGORY, A.

UP - 2003-26

5 / 9 INPADOC - ©INPADOC

PN - JP 2003534229 T2 20031118 [JP2003534229]
AP - JP 2001587888/01-A 20010510 [2001JP-0587888]
PR - US 208529/00-P 20000601 [2000US-P208529]
US 234684/00-P 20000922 [2000US-P234684]
WO 200115062/01(US)-W 20010510 [2001WO-US15062]
IC - C04B-038/00; B01D-039/00; B01D-039/20; C04B-035/195; F01N-003/02;
B01D-046/00

6 / 9 INPADOC - ©INPADOC

PN - US 2002004445 AA 20020110 [US20020004445]
TI - Cordierite body
IN - BEALL DOUGLAS M [US]; HICKMAN DAVID L [US]; MERKEL
GREGORY A [US]
PA - BEALL DOUGLAS M [US]; HICKMAN DAVID L [US]; MERKEL
GREGORY A [US]
AP - US 867321/01-A 20010529 [2001US-0867321]
PR - US 867321/01-A 20010529 [2001US-0867321]
US 208529/00-P 20000601 [2000US-P208529]
US 234684/00-P 20000922 [2000US-P234684]
IC - C04B-035/195

1 / 1 LEGALI - ©EPO

PN - US2002004445 A1 20020110 [US20020004445]US6541407 B2 20030401
[US6541407]
AP - US86732101 20010529 [2001US-0867321]
ACTE - 20031216 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030922
UP - 2004-03

7/9 INPADOC - ©INPADOC

PN - US 6541407 BB 20030401 [US6541407]
TI - Cordierite body
IN - BEALL DOUGLAS M [US]; HICKMAN DAVID L [US]; MERKEL GREGORY A [US]
PA - CORNING INC [US]
AP - US 867321/01-A 20010529 [2001US-0867321]
PR - US 867321/01-A 20010529 [2001US-0867321]
US 208529/00-P 20000601 [2000US-P208529]
US 234684/00-P 20000922 [2000US-P234684]
IC - C04B-035/195; C04B-038/00; B01D-039/06

1/1 LEGALI - ©EPO

PN - US2002004445 A1 20020110 [US20020004445]US6541407 B2 20030401 [US6541407]
AP - US86732101 20010529 [2001US-0867321]
ACTE - 20031216 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030922
UP - 2004-03

8/9 INPADOC - ©INPADOC

PN - WO 200191882 A1 20011206 [WO200191882]
TI - CORDIERITE BODY
CORPS EN CORDIERITE
LA - ENG
IN - BEALL DOUGLAS M; HICKMAN DAVID L; MERKEL GREGORY A
PA - CORNING INC [US]
AP - WO US 200115062/01(US)-A 20010510 [2001WO-US15062]
PR - US 208529/00-P 20000601 [2000US-P208529]
US 234684/00-P 20000922 [2000US-P234684]
IC - B01D-039/06; B01D-039/20; C04B-035/195
DS - AE* AG* AL* AM* AT* AU* AZ* BA* BB* BG* BR* BY* BZ* CA* CH*
CN* CR* CU* CZ* DE* DK* DM* DZ* EE* ES* FI* GB* GD* GE* GH*
GM* HR* HU* ID* IL* IN* IS* JP* KE* KG* KP* KR* KZ* LC* LK* LR*
LS* LT* LU* LV* MA* MD* MG* MK* MN* MW* MX* MZ* NO* NZ*
PL* PT* RO* RU* SD* SE* SG* SI* SK* SL* TJ* TM* TR* TT* TZ* UA*
UG* UZ* VN* YU* ZA* ZW* AT BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE TR

1/1 LEGALI - ©EPO

PN - WO200191882 A1 20011206 [WO200191882]

AP - WO/US15062 20010510 [2001WO-US15062]
ACTE - 20011206 WO/AK [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH
SEARCH REPORT
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA
ZW

20011206 WO/AL [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

20020130 WO/121
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS
DESIGNATED IN THIS APPLICATION

20020510 WO/DFPE
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO
EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

20021107 WO/REG; DE/8642 [-]
DE: IMPACT ABOLISHED FOR DE
<DE>

20021202 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
JP 2001 587888A [2001JP-0587888]

20030101 WO/NENP
NON-ENTRY INTO THE NATIONAL PHASE IN:
<RU>

UP - 2003-43

9 / 9 INPADOC - ©INPADOC

PN - ZA 200207820 A 20030709 [ZA200207820]
TI - Cordierite body.
IN - BEALL DOUGLAS M; HICKMAN DAVID L; MERKEL GREGORY A
PA - CORNING INC
AP - ZA 7820/02-A 20020930 [2002ZA-0007820]
PR - US 234684/00-P 20000922 [2000US-P234684]
IC - B01D-000/00; C04B-000/00

PATNO IS 6541407

DATE: JUNE 1, 2004
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 6541407

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.
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To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6541407 , April 1, 2003 , Cordierite body, Beall, Douglas M. - Painted Post, New York; Hickman, David L. - Big Flats, New York; Merkel, Gregory A. - Painted Post, New York, 867321 (09), Corning Incorporated, Corning, New York, 02, May 29, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., CORNING INCORPORATED PATENT DEPT,: SP-TI-03-1 CORNING NEW YORK 14831, Reel and Frame Number: 011883/0203

CORE TERMS: filter, talc, particle, drop, cell, micrometers, pore, soot, median, diesel ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6541407

<=6> Get Drawing Sheet 1 of 5

April 1, 2003

Cordierite body

REISSUE: September 22, 2003 - Reissue Application filed Ex. Gp.: 1755; Re. S.N. 10/668,097 (O.G. December 16, 2003)

APPL-NO: 867321 (09)

FILED-DATE: May 29, 2001

GRANTED-DATE: April 1, 2003

CORE TERMS: filter, talc, particle, drop, cell, micrometers, pore, soot, median, diesel ...

6541407 OR 6,541,407

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To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.